

BIOSPERSE[®] 201

FOR CONTROL OF THE GROWTH OF BACTERIA AND FUNGI
FOR INDUSTRIAL USE ONLY

ACTIVE INGREDIENTS 32.85%

isopropanol, Dehydroabietylamine-Ethylene
Oxide Condensate,
n-Alkyl (40% C₁₂, 50% C₁₄, 10% C₁₆)
Dimethyl Benzyl Ammonium Chloride,
Dehydroabietylamine Acetate,
n-Alkyl (60% C₁₄, 30% C₁₆, 5% C₁₂, 5% C₁₈)
Dimethyl Benzyl Ammonium Chlorides,
bis (Tri-n-Butyltin) Oxide,
Dialkyl (60% C₁₄, 30% C₁₆, 5% C₁₂, 5% C₁₈)
Methyl Benzyl Ammonium Chlorides.

INERT INGREDIENTS 67.15%

Water
1,1,1-trichloroethane

EPA Reg. No. 1757-43

This product provides excellent control over bacterial and fungal slime formation in cooling towers and similar recirculating cooling water systems. AMEREX 201 should be added directly to the sump at a dosage of one-half pint per 1,000 gallons of water in the system. Treatment is usually required one to three times per week or as needed. More detailed dosage and application information is provided in the data sheet describing this product.

This product is toxic to fish. Do not add to lakes, streams or ponds. Do not contaminate water by cleaning of equipment or disposal of wastes.

Drew Chemical Corporation



UNITED STATES FILTER

TOILET SEWER, SUMP, PUMP, DRAIN, SINK, TUB, BATHTUB • 1/2 PINT PER 1,000 GALLONS

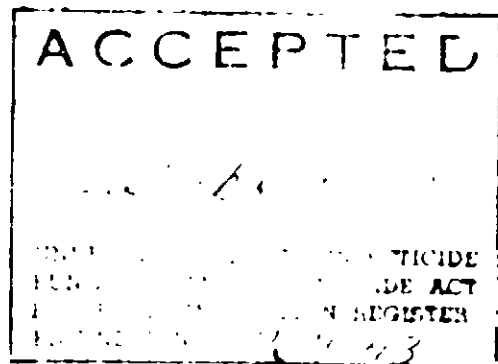
WARNING

KEEP OUT OF REACH OF CHILDREN

This product is a toxic material. It may cause skin or eye irritation and be harmful or fatal if swallowed. Do not get in eyes, on skin or on clothing. Wash thoroughly after handling. Do not take internally. In case of swallowing, induce vomiting by administering warm salt water or other emetic. Call a physician. In case of contact with eyes, wash thoroughly with water and call a physician.

In case of spillage, wash down drain with water. Do not reuse drum unless thoroughly washed and reconditioned.

Contents - Liquid
Net Weight - As Marked on Drum



BIOSPERSE[®] 201
12/23/63

GENERAL

BIOSPERSE[®] 201 provides excellent control of the broad spectrum of microorganisms commonly found in industrial process waters. It is a potent slimicide designed for the control of bacterial and fungal growths in recirculating cooling water systems. The product contains solubilizing and dispersing agents which insure good distribution throughout the system and efficient penetration of the slime masses.

BIOSPERSE[®] 201 is not to be used in potable water systems or where contamination of potable water may occur.

This product is toxic to fish. Do not add to lakes, streams or ponds. Do not contaminate water by cleaning of equipment or disposal of wastes.

DESCRIPTION

Composition:	A blend of an organotin compound, specially selected quaternary ammonium salts, other complex amine salts and dispersing and solubilizing agents.
Appearance:	Clear, light amber liquid.
Odor:	Mild
Flash Point:	None
Freezing Point:	34 F
pH:	7.4 (when drummed)
Specific Gravity:	1.005 at 25 C
Weight per U.S. Gallon:	8.37 pounds
Solubility:	Miscible with water in all proportions.
Storage:	Avoid extreme heat or freezing.
Packaging:	30 and 55 gallon steel drums

MADE IN U.S.A.

DOSAGE

The amount of **Drewex 201** required for any given application will depend upon a number of factors including the nature and extent of the microbiological contamination, the type of system being treated and the degree of control required.

Dosages for cooling towers will also depend upon the condition of the tower when treatment is begun and the retention time in the system. For preventative maintenance, apply to a clean system or when growth is first noticed. Systems having heavy growths should be cleaned before initial treatment. In general, **Drewex 201** is effective at dosages of 60–120 ppm of product. This is attained by using 1 to one pint of product per each 1,000 gallons of water in the system. Treatment is usually done once, twice or three times per week as required to prevent the growth of slime-forming microorganisms.

Once the bulk of slime has been eliminated, daily or every other day, slug dosages of 30 ppm (½ pint per 1,000 gallons) will usually maintain the system in excellent condition. Where necessary, your Drew Service Engineer will arrange for microbiological and chemical analyses and offer technical advice concerning specific site problems.

FEEDING

Drewex 201 may be fed directly from the drum or diluted with water and fed by any suitable chemical feed system. For slug feeding in cooling towers, it should be dumped directly into the sump or at any other convenient location where good distribution can be assured.

HANDLING PRECAUTIONS

Drewex 201 is a toxic material. Due care should be exercised in its handling.

This product may cause skin or eye irritation and be harmful or fatal if swallowed. Do not get in eyes, on skin or on clothing. Wash thoroughly after handling.

Do not take internally. In case of swallowing, induce vomiting by administering warm salt water or other emetic. Call a physician. In case of contact with eyes, wash thoroughly with water and call a physician.

In case of spillage, wash down drain with water. Do not reuse drum unless thoroughly washed and reconditioned.

ENVIRONMENTAL PROTECTION AGENCY REGISTRATION NUMBER

1757-43